



Prestigio

THE ART OF HI-TECH



Car Video Recorder

RoadRunner 320

User Manual

Version 1.0

www.prestigio.com

About this user manual

This user manual is specially designed to detail the device's functions and features.

- Please read this manual before using the device to ensure safe and proper use.
- Descriptions are based on the device's default settings.
- Prestigio continuously strives to improve its products. Due to software upgrading, some contents in this user manual may be different from your product. Prestigio reserves the rights to revise this user manual or withdraw it at any time without prior notice. Please take your product as standard.

Conventions used in this manual

In this user manual, we use the following symbols to indicate useful and important information:



Caution: provides safety precaution and important information.



Note: gives additional information.



Tips: usage tips.

- > The order of options or menus you must select to perform a step.

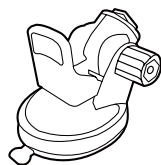
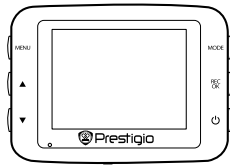
Contents

1. Unboxing	1
Inside your package	1
Device overview	1
2. Getting started.....	2
Insert a microSD card	2
Install the suction mount	2
Charge the battery	2
3. Settings.....	3
Video settings.....	3
Picture settings.....	3
General settings	3
4. Recording.....	4
Record a video	4
Take a picture.....	4
5. File management	4
Browse files	4
Delete a file	4
Lock and unlock a file	4
6. Playback.....	5
Play video on DVR	5
Playback on PC	5
7. Specifications	5

1. Unboxing

1

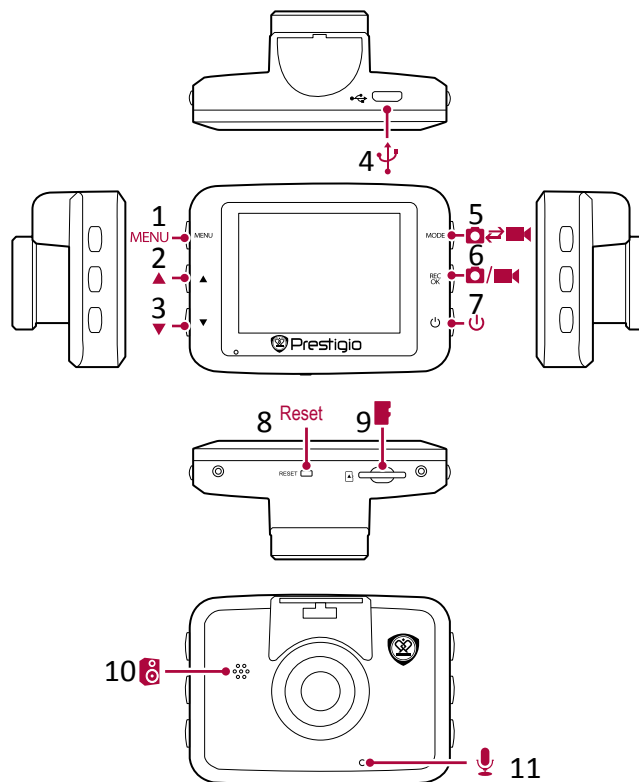
Inside your package



- Car video recorder
- Suction mount
- Warranty card

- Car charger
- Quick start guide

Device overview



- 1 Menu button
- 2 Up button
- 3 Down button
- 4 Mini USB port
- 5 Mode button
- 6 Record/Playback/OK button

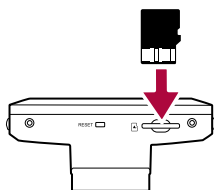
- 7 Power button
- 8 Reset button
- 9 SD card slot
- 10 Speaker
- 11 Microphone

2. Getting started

2

Insert a microSD card

Before starting video recording, please insert a microSD card (not included) into the slot until it locks in place.



The device will automatically recognize it as default storage and all the data will be saved on this card.

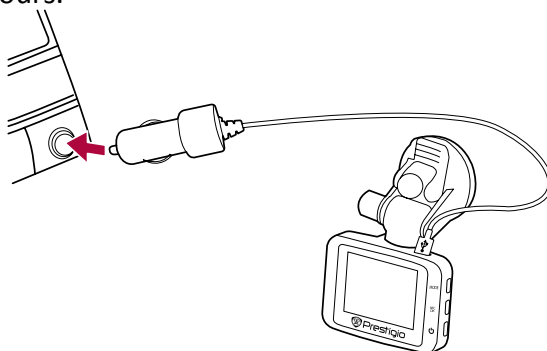
Install the suction mount



1. Match the mounting slots of the device and the suction mount, and press the suction mount until it locks in place.
2. Remove the protection plastic film from the suction cup, and position the device on the clean windshield or dashboard.
3. Hold firmly against the surface and twist the lock knob. The mount will suction and stick firmly onto the surface.

Charge the battery

Before using the device for the first time, please fully charge the Li-ion battery. The battery will be completely charged in 2-3 hours.



- Using the car charger: charge the device through cigarette lighter. The device will start charging after the car engine is turned on.
- Using mini USB cable: connect the device to AC 5V adapter or the USB port of a computer/laptop.

3. Settings

3

Before recording, you can set up the device according to your requirements.

- In video/picture preview mode, press [MENU] to enter video/picture settings, press it again to go to general settings, press it third time to exit.
- In setting list, use [▲]/[▼] to navigate the menu, press [OK] to confirm the selection, and [MENU] to exit.

Video settings

- **Resolution:** Select the resolution of recorded video: 1080FHD / 1920x1080, 1080P/1440X1080, 720P / 1280x720, WVGA/848X480, VGA / 640x480.
- **Loop recording:** Set the video duration (1, 3, 5 minutes or off) for loop recording. When the microSD card is full, the device will delete the oldest unlocked video file automatically.
- **Exposure:** Set exposure value to determine how much light the camera's sensor receives. For lowlight situations, use a higher exposure.
- **Motion detection:** Turn on or off motion detection. If there is any motion detected while the car engine is stopped, your car DVR will start recording automatically.
- **Record audio:** Set to turn the microphone on or off.
- **Date stamp:** Add date and logo stamp onto videos.

Picture settings

- **Capture mode:** Select the capture mode from At once/ In 2 sec/In 5 sec/In 10 sec.
- **Resolution:** Select the picture image size from 12M / 4000x3000, 8M / 3264x2448, 5M / 2592x1944, 3M / 2048x1536, 1.3M / 1280x960, VGA / 640x480.
- **Burst:** Select to turn the burst on or off. In burst mode, several photos are captured in quick succession. This is used mainly when the subject is in successive motion, such as sports.
- **Quality:** Select quality from Fine / Normal / Economy.
- **Sharpness:** Adjust the sharpness.
- **White balance:** Select an appropriate white balance, so images have a true-to-life color range. It is for specific lighting situations.
- **Color:** Select color from normal / black & white / sepia.
- **ISO:** This controls camera light sensitivity. It is measured in filmcamera equivalents. Low values are for stationary or brightly-lit objects. Higher values are for fast-moving or poorly-lit objects.
- **Exposure:** Set exposure value to determine how much light the camera's sensor receives. For lowlight situations, use a higher exposure.
- **Anti-shaking:** Minimize blurring and compensate for camera shake.
- **Quick review:** Set photo review time (2s, 5s) after shooting in preview mode.
- **Date stamp:** Add date and logo stamp onto videos.

General settings

In preview mode, double press [MENU] twice to enter general settings.

- **Date/Time:** Set date and time on device.
- **Auto power off:** Set automatic power off when the device is not in use.
- **Beep sound:** Turn on or off beep sound.
- **Language:** Choose your language.
- **Frequency:** For a given luminance, the frequency of light fluctuation that evokes a sensation of flicker. Set a right flickering frequency to avoid horizontal stripe interference.
- **LCD off:** Set automatic LCD off when the device is not in use, press any button to wake up.
- **Format:** Format the memory card.



Formatting will erase all your stored data. Back up your data before proceeding.

- **Default setting:** Restore to default setting.
- **Version:** Display the current system version.

4. Recording

4

Record a video

Auto video recording

Connect the device to car charger, when the car engine launches, the device will automatically turn on and start loop video recording. When shut off the car engine, the device will save the last file and turn off.

Manual video recording

In preview mode, press [REC] button to start and stop video recording.

Record the sound

In preview mode or recording mode, press [▲] to turn on or off microphone.

Set exposure

In preview mode or recording mode, press [▼] to adjust exposure value.

Lock a recording video

During recording, press [MODE] to lock or unlock the video.

Take a picture

- Press [MODE] to select the picture mode, and then press [REC] to take photos.

5. File management

5

You can manage your videos and pictures in playback mode.

Browse files

1. In preview mode, press [M] two times to enter the playback mode.
2. Press [▲]/[▼] to scroll through the files.

Delete a file

Press [MENU] to delete one file or all the files, and press [OK] to confirm the deletion.



To delete a protected file, remove the protection first.

Lock and unlock a file

Press [MENU] to protect or unprotect the selected file or all.

6. Playback

6

Play video on DVR

1. In playback mode, press [▲]/[▼] to scroll through the files.
2. Press [OK] to start playback.
3. Press [▲]/[▼] to slow down or speed up playing.
4. Press [MODE] again to exit playback mode.

Playback on PC

Remove memory card from DVR and insert it into computer's card reader.



DVR's USB port is for charging purpose only.

7. Specifications

7

Display	2.0", 480 x 240 pixels
Processor	NTK96220
Image sensor	1.0 MP, CMOS I 1/4"
View angle	90°
Video resolution	1920x1080p (25 fps) 11.76 GB/Hour (interpolated) 1280x720p (30 fps) 11.22 GB/Hour 640x480p (30 fps) 6.06 GB/Hour
Photo resolution	12M
Video codec	AVI
Picture format	JPG
Memory	up to 32 GB (high-speed micro SD card recommended, SDHC)
Microphone	Built-in
Motion Detection	Yes
Power source	Built-in battery, car charger
Interfaces	Mini USB 2.0 (for charging only)
Operating temperature	0 °C ~ 45°C
Dimension	66 x 48 x 29 mm (H x W x D)
Weight	45.7 g